



GE Silicones

FORMAT:USA

MATERIAL SAFETY DATA SHEET
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PRODUCT: CRTV1490.01

SILICONE RUBBER

PAGE: 01

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURED BY:
GE SILICONES
260 HUDSON RIVER ROAD
WATERFORD, NY 12188

SUPPLIED BY:
GE SILICONES
260 HUDSON RIVER ROAD
WATERFORD, NY 12188

EMERGENCY PHONE (24 HRS)
(518) 237-3330

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(518) 237-3330

REVISED: 10/13/99
PREPARER: CE HANNIGAN
CHEMICAL FAMILY/USE: SILICONE RUBBER
FORMULA: MIXTURE

2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION/ CAS REG NO.	APPROX. WGT. %	ACGIH TLV TWA	STEL	OSHA PEL TWA	STEL	UNITS
A. HAZARDOUS						
DISTILLATES, PETROLEUM, HYDROTREATED LIGHT						
64742-47-8	10-30					
METHYLTRIACTOXYLANE						
4253-34-3	1-5	10(R)	NE	10(R)	NE	PPM
B. NON-HAZARDOUS						
POLYDIMETHYLSILOXANE SILANOL/STPD						
70131-67-8	60-80	NONE	NE	NONE	NE	NA
TREATED FUMED SILICA						
68611-44-9	5-10	10	NE	15	NE	MG/M3

See Section 15 for description of any WHMIS Trade Secret(s).

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

This section not in use

POTENTIAL HEALTH EFFECTS:

INGESTION:

Harmful if swallowed.

Causes vomiting, nausea, and diarrhea

Aspiration can be a hazard if this material is swallowed.

SKIN CONTACT:

Uncured product contact will irritate lips, gums and tongue.

Uncured product contact may irritate the skin.

INHALATION:

Causes irritation of the mouth, nose, and throat.

Applies only in uncured state.

EYE CONTACT:

*** CONTINUED ON NEXT PAGE ***

Uncured product contact irritates eyes.
MEDICAL CONDITIONS AGGRAVATED:
None known.
SUBCHRONIC (TARGET ORGAN) EFFECTS:
Dermatitis.
CHRONIC EFFECTS/CARCINOGENICITY:
This product or one of its ingredients present 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.
PRODUCTS/INGREDIENTS
This space reserved for special use.
PRINCIPLE ROUTES OF EXPOSURE:
Dermal - skin.
Eyes.
Inhalation.
OTHER:
Acetic acid released during curing.
This product contains Methylpolysiloxanes which can generate Formaldehyde at approximately 300 degrees fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. An MSDS for Formaldehyde is available from GE Silicones.

4. FIRST AID MEASURES

INGESTION:

Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

SKIN:

To clean from skin, remove completely with a dry cloth or paper towel, before washing with detergent and water.
Get medical attention if irritation persists.

INHALATION:

If inhaled, remove to fresh air, if not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.

EYES:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

NOTE TO PHYSICIAN:

None known.

5. FIRE FIGHTING MEASURES

FLASH POINT:**METHOD****IGNITION TEMP****FLAMMABLE LIMITS IN AIR - LOWER (%):****FLAMMABLE LIMITS IN AIR - UPPER (%):****SENSITIVITY TO MECHANICAL IMPACT (Y/N):****SENSITIVITY TO STATIC DISCHARGE:**

Sensitivity to static discharge is not expected.

EXTINGUISHING MEDIA:

All standard firefighting media

SPECIAL FIREFIGHTING PROCEDURES:

None known.

NA

(C) NA

(F)

PMCC

UNK

(C) UNK

(F)

UNK

UNK

NO

6. ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Wipe, scrape or soak up in an inert material and put in a container for disposal.
Wash walking surfaces with detergent and water to reduce slipping hazard.
Wear proper protective equipment as specified in the protective equipment section.
Increase area ventilation.

7. HANDLING AND STORAGE**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Keep container closed when not in use.
Avoid breathing vapors, if exposed to high vapor concentration, leave area at once.
Avoid contact with skin and eyes.
Use only in a well ventilated area.
Caution]
Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the fingertips, nails and cuticles. Residual sealant may remain on fingers for several days and transfer to lenses and cause severe eye irritation.
Product releases acetic acid during application and curing.
Use mechanical ventilation to stay below TLV of 10 ppm acetic acid.
Uncured product contact irritates eyes.
Uncured product contact may irritate skin.
Use in a well ventilated area to prevent irritation by vapors.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**ENGINEERING CONTROLS:**

Showers.
Eyewash stations.
Use in a well ventilated area.

RESPIRATORY PROTECTION:

Use in a well ventilated area.
Use approved NIOSH respiratory protection if TLV exceeded.....
Or over exposure is likely.

PROTECTIVE GLOVES:

Rubber gloves.

EYE AND FACE PROTECTION:

Safety glasses.

OTHER PROTECTIVE EQUIPMENT:

None known.

VENTILATION:

Use only in well ventilated area.

9. PHYSICAL AND CHEMICAL PROPERTIES**PRODUCT INFORMATION:**

BOILING POINT	:	NA	(C) NA	(F)
VAPOR PRESSURE(20 C)(MM HG):	:	NA		
VAPOR DENSITY (AIR=1)	:	NA		
FREEZING POINT	:	NA	(C) NA	(F)
MELTING POINT	:	NA	(C) NA	(F)
PHYSICAL STATE	:	SOLID		
ODOR	:	ACETIC ACID		
COLOR	:			

ODOR THRESHOLD (PPM)	:	TRANSLUCENT
% VOLATILE BY VOLUME	:	UNK
EVAP. RATE(BUTYL ACETATE=1):	:	21.8
SPECIFIC GRAVITY (WATER=1)	:	UNK
DENSITY (KG/M3)	:	0.986
ACID/ALKALINITY (MEQ/G)	:	986
PH	:	NA
VOC EXCL.H2O & EXEMPTS(G/L):	:	NA
SOLUBILITY IN WATER (20 C)	:	218
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):	:	INSOLUBLE
	:	TOLUENE

10. STABILITY AND REACTIVITY

STABILITY:	STABLE
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR
HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:	
Carbon monoxide.	
Carbon dioxide.	
Silicon dioxide.	
Acetic acid.	
Formaldehyde.	
INCOMPATIBILITY (MATERIALS TO AVOID):	
None known.	
CONDITIONS TO AVOID:	
None known.	

11. TOXICOLOGICAL INFORMATION

PRODUCT INFORMATION:	
ACUTE ORAL LD50 (MG/KG):	UNKNOWN
ACUTE DERMAL LD50 (MG/KG):	UNKNOWN
ACUTE INHALATION LC50 (MG/L):	UNKNOWN
OTHER:	
None.	
AMES TEST:	UNKNOWN

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:	No data at this time
CHEMICAL FATE INFORMATION:	No data at this time

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:
Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT SHIPPING NAME:	NONE
DOT HAZARD CLASS:	NOT DOT REGULATED
DOT LABEL(S):	NONE
UN/NA NUMBER:	NONE
PLACARDS:	NONE
IATA:	NONE

NOT REGULATED BY IATA
IMO IMDG-code: NONE
EMS No: NA
EUROPEAN CLASS:
RID (OCTI): NONE
ADR (ECE): NONE
RAR (IATA): NONE

15. REGULATORY INFORMATION

SARA SECTION 302:
None Found
SARA (311,312) HAZARD CLASS:
ACUTE HEALTH HAZARD
CHRONIC HEALTH HAZARD
SARA (313) CHEMICALS:
NONE
CPSC CLASSIFICATION: NA
WHMIS HAZARD CLASS:
D2B TOXIC MATERIALS
WHMIS TRADE SECRET:
None
EXPORT:
SCHDLE B/HTSUS: 3910.00 Silicones in Primary Form
ECCN: EAR99
HAZARD RATING SYSTEMS
HMIS FLAMMABILITY 1 , REACTIVITY 0 , HEALTH 2
NFPA FLAMMABILITY 1 , REACTIVITY 0 , HEALTH 2
CALIFORNIA PROPOSITION 65:
NONE

16. OTHER INFORMATION

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.

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C = ceiling limit NEGL = negligible
EST= estimated NF = none found
NA = not applicable UNKN = unknown
NE = none established REC = recommended
ND = none determined V = recomm. By vendor
By-product = reaction by- SKN = skin
product, TSCA inventory TS = trade secret
status not required under R = recommended
40 CFR part 720.30(h-2) MST = mist
STEL = short term exposure NT = not tested
limit
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DATE PRINTED: 12/10/99

*** END OF MSDS ***